

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

ATTORNEY DOCKET NUMBER: 10991147-1

IN RE APPLICATION OF: U.S. Patent No. 7,007,020

USPTO CONFIRMATION CODE: 5742

APPLICATION NO.: 09/524,140

FILED: Mar. 10, 2000

EXAMINER: Romain Jeanty

GROUP ART UNIT: 3623

FOR: DISTRIBUTED OLAP-BASED ASSOCIATION RULE GENERATION  
METHOD AND SYSTEM

**37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION**

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number 09/524,140, now Patent Number 7,007,020.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

☒ All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

☐ The errors were the fault of both the applicant and USPTO and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In column 2, line 33, delete “arid” and insert -- and --, therefor.  
(Specification filed on Mar. 10, 2000, page 3, line 26)

In column 5, line 42, insert -- and -- before “feed”.  
(Specification filed on Mar. 10, 2000, page 10, line 1)

In column 12, line 29, delete “X`Y,” and insert -- X^Y, --, therefor.  
(Specification filed on Mar. 10, 2000, page 20, line 10)

In column 12, line 32, delete “0`C<sub>v</sub>” and insert -- 0^C<sub>v</sub> --, therefor.  
(Specification filed on Mar. 10, 2000, page 20, line 13)

In column 12, line 41, delete “C<sub>a</sub>” and insert -- C<sub>a</sub> --, therefor.  
(Specification filed on Mar. 10, 2000, page 20, line 20)

In column 12, line 46, delete “X`Y” and insert -- X^Y --, therefor.  
(Specification filed on Mar. 10, 2000, page 20, line 23)

In column 12, line 47, delete “C<sub>a</sub>” and insert -- C<sub>a</sub> --, therefor.  
(Specification filed on Mar. 10, 2000, page 20, line 24)

In column 13, line 24, delete “NumOJBuysers” and insert -- NumOfBuyers --,  
therefor.  
(Specification filed on Mar. 10, 2000, page 21, line 20)

In column 13, lines 27-28, delete “customer roup” and  
insert -- customer\_group --, therefor.  
(Specification filed on Mar. 10, 2000, page 21, line 21)

In column 13, line 32, delete “NumOJShoppers” and  
insert -- NumOfShoppers --, therefor.  
(Specification filed on Mar. 10, 2000, page 21, line 24)

In column 13, line 33, delete “NumOJShoppers” and  
insert -- NumOfShoppers --, therefor.  
(Specification filed on Mar. 10, 2000, page 21, line 25)

In column 13, line 38, delete “C<sub>a</sub>” and insert -- C<sub>a</sub> --, therefor.  
(Specification filed on Mar. 10, 2000, page 21, line 30)

In column 13, line 39, delete “C<sub>a</sub>” and insert -- C<sub>a</sub> --, therefor.  
(Specification filed on Mar. 10, 2000, page 21, line 31)

In column 17, line 6, delete “pi” and insert -- p<sub>i</sub> --, therefor.  
(Specification filed on Mar. 10, 2000, page 26, line 13)

In column 17, line 11, delete “product<sub>l</sub>, time <sub>t</sub>,” and insert - - product  $p_l$ , time  $t_l$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 26, line 16)

In column 17, line 27, delete “ $\alpha_{\_month+1}$ ” and insert - -  $a_{\_month+1}$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 26, line 28)

In column 17, line 31, delete “ $\alpha_{\_year}$ ” and insert - -  $a_{\_year}$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 26, line 33)

In column 17, line 32, delete “ $\alpha_{\_Year}$ ” and insert - -  $a_{\_year}$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 26, line 33)

In column 18, line 62, delete “ $C_{a,l}$ ” and insert - -  $C_{a,l}$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 28, line 28)

In column 19, line 13, delete “ $\alpha_1, \dots, \alpha_k$ ” and insert - -  $a_1, \dots, a_k$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 29, line 4)

In column 19, line 13, delete “ $\alpha$ ” and insert - -  $a$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 29, line 4)

In column 19, line 16, delete “ $\alpha_1, \dots, \alpha_k$ ” and insert - -  $a_1, \dots, a_k$  - -, therefor.  
(Specification filed on Mar. 10, 2000, page 29, line 6)

In column 20, line 26, in Claim 3, delete “th” and insert - - the - -, therefor.  
(Amendment to claims filed on Dec. 01, 2003, page 2 of 13, in Claim 3, line 4)

In column 21, line 15, in Claim 8, delete “multidimensional” and insert - - multi-dimensional - -, therefor.  
(Amendment to claims filed on Dec. 01, 2003, page 4 of 13, in Claim 8, line 16)

In column 21, line 27, in Claim 9, after “update” delete “F”.  
(Amendment to claims filed on Dec. 01, 2003, page 5 of 13, in Claim 9, line 1)

In column 22, line 5, in Claim 15, delete “products” and insert - - “products” - -, therefor.  
(Amendment to claims filed on Dec. 01, 2003, page 6 of 13, in Claim 15, line 7)

In column 23, line 14, in Claim 23, delete “cubes,” and insert - - cubes - -, therefor.  
(Amendment to claims filed on Dec. 01, 2003, page 8 of 13, in Claim 23, line 1)

In column 24, line 6, in Claim 26, delete "the" and insert - - a - -, therefor.  
(Examiner's Amendment dated Nov. 08, 2005, page 2, line 7)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

\_\_\_\_\_/3/2/2010\_\_\_\_\_  
DATE

\_\_\_\_\_/Lloyd E. Dakin, Jr., Reg. # 38,423/\_\_\_\_\_  
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P.O. Box 272400  
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 4

PATENT NO. : 7,007,020  
APPLICATION NO. : 09/524,140  
ISSUE DATE : Feb. 28, 2006  
INVENTOR(S) : Qiming Chen, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 2, line 33, delete "arid" and insert - - and - -, therefor.

In column 5, line 42, insert - - and - - before "feed".

In column 12, line 29, delete "X^Y," and insert - - X^AY, - -, therefor.

In column 12, line 32, delete "0^C\_v" and insert - - 0^AC\_v - -, therefor.

In column 12, line 41, delete "C\_a" and insert - - C\_a - -, therefor.

In column 12, line 46, delete "X^Y" and insert - - X^AY - -, therefor.

In column 12, line 47, delete "C\_a" and insert - - C\_a - -, therefor.

In column 13, line 24, delete "NumOJBuysers" and insert - - NumOfBuyers - -, therefor.

In column 13, lines 27-28, delete "customer roup" and insert - - customer\_group - -, therefor.

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In column 13, line 33, delete "NumOfShoppers" and insert - - NumOfShoppers - -, therefor.

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In column 13, line 39, delete "C<sub>a</sub>" and insert - - C<sub>a</sub> - -, therefor.

In column 17, line 6, delete "pi" and insert - - p<sub>1</sub> - -, therefor.

In column 17, line 11, delete "productp<sub>1</sub>, time t," and insert - - product p<sub>1</sub>, time t<sub>1</sub> - -, therefor.

In column 17, line 27, delete "α<sub>month+1</sub>" and insert - - a<sub>month+1</sub> - -, therefor.

In column 17, line 31, delete "α<sub>year</sub>" and insert - - a<sub>year</sub> - -, therefor.

In column 17, line 32, delete "α<sub>Year</sub>" and insert - - a<sub>year</sub> - -, therefor.

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In column 18, line 62, delete " $C_{a,j}$ " and insert --  $C_{a,j}$  --, therefore.

In column 19, line 13, delete " $\alpha_1, \dots, \alpha_k$ " and insert --  $\alpha_1, \dots, \alpha_k$  --, therefore.

In column 19, line 13, delete " $\alpha$ " and insert --  $\alpha$  --, therefore.

In column 19, line 16, delete " $\ell_1, \dots, \ell_k$ " and insert --  $\ell_1, \dots, \ell_k$  --, therefore.

In column 20, line 26, in Claim 3, delete "th" and insert -- the --, therefore.

In column 21, line 15, in Claim 8, delete "multidimensional" and insert -- multi-dimensional --, therefore.

In column 21, line 27, in Claim 9, after "update" delete "F".

In column 22, line 5, in Claim 15, delete "products"" and insert -- "products" --, therefore.

In column 23, line 14, in Claim 23, delete "cubes," and insert -- cubes --, therefore.

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In column 24, line 6. in Claim 26, delete "the" and insert - - a - -, therefor.

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